MASTER SAFETY DATA SHEET

5/6/02

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

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Product Name: **SPECFLEX* NS 669 POLYOL**

LV70: 79935 — Issue Date: Nov 01 — Ref: SC019

2. COMPOSITION/INFORMATION ON INGREDIENTS

Tertiary amines

Styrene-acrylonitrile
copolymer dispersion
in polyether polyol

Components contributing to hazard:

			CAS	EINECS
Propoxylated glycerine	15-25 %	Xn; R22	02579 -96-2	
Tertiary Amine	1-3 %	RC=2; RC=2	RC=2	RC=2

3. HAZARDS IDENTIFICATION

This product is not hazardous according to EC criteria.

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4. FIRST-AID MEASURES

Never give fluids or induce vomiting if patient is unconscious or is having convulsions.

Inhalation
Remove to fresh air if effects occur. Consult a physician.

Skin Contact
Remove contaminated clothing. Wash off in flowing water or shower. Remove residues with soap and water.

Eye Contact
Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.

Ingestion
Seek medical attention immediately.

Note to Physician
No specific antidote. Supportive care. Treatment based on judgement of the physician in response to reactions of the patient.

5. FIRE-FIGHTING MEASURES

Extinguishing Media
Water fog or fine spray. Carbon dioxide. Alcohol resistant foam. Dry chemical.

Hazardous Combustion Products
Hydrogen cyanide. Incomplete combustion may lead to the build-up of toxic pyrolysis products.
Complete combustion will result in: Carbon oxides. Nitrogen oxides. Water.

Protection of Firefighters
Wear positive-pressure self-contained breathing apparatus and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves).

Specific Fire or Explosion Hazards
Will support combustion.

Specific Methods of Firefighting
Fire debris must be disposed of in accordance with local regulations. Do not discharge extinguishing waters into streams, rivers and lakes.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions
Wear adequate personal protective equipment, see Section 8, EXPOSURE CONTROLS/PERSONAL PROTECTION. Spills may cause very slippery surfaces.

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Environmental Precautions
Dike to prevent contamination of ground and surface water, then transfer into closed containers. Recover if possible, or dispose of according to applicable regulations, see Section 13, DISPOSAL CONSIDERATIONS.

Methods of Cleaning Up
Spills should be contained by, and covered with large quantities of sand, earth or any other readily available absorbent material which is then brushed in vigorously to assist absorption. The mixture can then be collected into drums and removed for disposal. Wash area from residues with soap and water and rinse down. Contaminated water should be retained, not being allowed to flow into ground or surface water.

7. HANDLING AND STORAGE

Handling
Since polyols are handled together with diisocyanates, proper distinction between these two kinds of products is essential in order to avoid undesired mixing resulting in uncontrolled polymerisation.

Storage
Keep container tightly closed; product is hygroscopic.

- Storage Temperature and Shelf-Life
The recommended storage temperature is 15-25 deg.C. Storage stability for bulk and drums is 6 months. See also technical data sheet

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines
None established for the preparation.

Engineering Controls
Use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations.

Personal Protective Equipment

Respiratory Protection
For most conditions, no respiratory protection is needed; however, if handling at elevated temperature without sufficient ventilation or in presence of aerosols, use an approved air-purifying respirator.

Skin Protection
Use gloves impervious to this material. Wear clean, long-sleeved, body-covering clothing. After work and before eating, drinking or smoking wash and clean yourself carefully with soap and water. Contaminated clothing should be washed and/or dry cleaned before re-use.

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Eye/Face Protection
Use chemical goggles. If vapour exposure causes eye discomfort, use a full-face respirator. Eye wash fountain should be located in immediate work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Colour	: white
Specific gravity	: 1.02 (25/25 deg.C
Rel. vapour density (air=1)	: >1
Water solubility	: (25 deg.C) not determined
Flash point	: >100 deg.C (ASTM D93)
Viscosity	: 1200 mPa.s (25 deg.C)

10. STABILITY AND REACTIVITY

Chemical Stability
The product is stable but hygroscopic.

Materials to Avoid
Acids. Oxidising agents.

Hazardous Decomposition Products
None under normal conditions of storage and use.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Ingestion
The oral LD50 for rats is >2000 mg/kg.

Skin Contact
Prolonged or repeated exposure may cause skin irritation.
The LD50 for skin absorption in rabbits is >2000 mg/kg.

Inhalation
At room temperature, exposures to vapours are minimal due to physical properties; higher temperatures may generate vapour levels sufficient to cause irritation and other effects.

Eye Contact
May cause moderate eye irritation. Vapours may irritate eyes.

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12. ECOLOGICAL INFORMATION

Assessment largely or completely based on data for similar material(s).

Mobility and Bioaccumulation Potential
No appreciable volatilization from water to air is expected.

Degradation
Material is expected to degrade only slowly in the environment.

Aquatic Toxicity
Despite the very slow biodegradation rate the product should not present an environmental hazard in the water/soil compartment.

13. DISPOSAL CONSIDERATIONS

Disposal
Incineration under approved, controlled conditions using incinerators suitable or designed for the disposal of hazardous chemical wastes, is the preferred method for disposal. The generation of waste should be avoided or minimized wherever possible.

14. TRANSPORT INFORMATION

Product is not classified for any mode of transportation.

15. REGULATORY INFORMATION

EC Classification and User Label Information

This product does not require classification according to the criteria of the Commission of the European Communities.

EINECS Status
All components of this product are in compliance with EINECS.

16. OTHER INFORMATION

No other information.

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